



3	5	Ø1/2 x 1/2 LG. SHOULDER SCREW	SST (SILVER PLATED)	2	
4	5	5/16-18 UNC-2B SOC HD SCR x 7/8 LG.	SST (SILVER PLATED)	2	
4	3	A4-840203-00	A4-84 LOWER MTG. PLATE	1	
2	2	A4-840202-00	A4-84 UPPER MTG. PLATE	1	
1	1	A4-840201-00	A4-84 ROD WELDMENT	1	
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC	QTY
<div><div><div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN TOLERANCES</div><div>DECIMALS      ANGULAR</div><div>XX      -01      = 30</div><div>XXX      -005</div><div>SURFACE ROUGHNESS 1/32</div><div>REMOVE ALL BURRS AND BREAK SHARP EDGES (3 R MAX.)</div><div>ALL SURF. TEXTURE TO BE IN ACCORDANCE WITH LATEST AND SAE 1</div><div>DIMENSIONING &amp; TOLERANCING IN ACCORDANCE WITH LATEST AND Y14.3</div></div><div><div><div><div><div></div><div>ARGONNE NATIONAL LABORATORY</div></div></div><div><div>THIS DRAWING IS THE PROPERTY OF</div><div>ARGONNE NATIONAL LABORATORY</div></div></div><div><div>ADVANCED PHOTON SOURCE</div><div>A4-84 HEAVY LOAD PNEUMATIC</div><div>100mm - 8" LINEAR ACTUATOR</div><div>BELLOWS &amp; ROD ASSEMBLY</div></div></div></div>					
LOG NUMBER		A4840200-00-2			
DRAWN BY		DATE	TIME	DATE	
MUSCIA		7/19/99	D. SHU	12/29/99	
CHECKED BY		DATE	DATE	DATE	
J. CHANG		12/29/99	T.M. KUZAY	1/6/00	
DESIGNER		DATE	PROJECT NO.		DATE
CHANG/MUSCIA		7/19/99			
DESIGNED BY		DATE	APPROVED BY		DATE
J. CHANG		12/29/99			
MATERIAL		SCALE	SIZE		DRAWING NUMBER
		= 1"			
		SHEET	D		
DO NOT SCALE DRAWING		2 of 2		A4-840200-00-2	

PLOT SCALE: 1=1